



IND320 CA3 Ivar Eftedal

NB! The map does for some reason not show on chrome but it does work on safari. I do apologise for this inconvenience.

Use of AI

- AI was used a lot for the streamlit. For the jupiter notebook i did not use ai at all for this assignment, but i might have used it for assignment 2. Therefore the code might be somewhat ai generated, but all of what was editet for this assignment was done without external help. It was mostly fairly simple to use previous code and make some small alterations to get the code that i needed for this assignment. For the streamlit i used ai to convert the matplotlib plots all to plotly so that they are more dynamic. I also used a lot of ai to create my pages as well as for debugging. Most of the work done without the use of ai was getting the right data as well as making the plan and architecture for the project. When it came to the decision of what libraries to use, adding simple features or making extensive changes i usually did them myself to lay a foundation for the ai to alter on later. I found that doing everything with ai there would be a lot of mistakes as weird code snippets. For example i experimented with trying claude, but it wrote way too much code for my taste which made me lose control of what was being implemented so i did not use it. And just stuck with using the free tier of chatgpt that rather gives small snippets to implement.

Log of compulsory work

- Working on this project was a mix of smooth experiences and real challenges. I found doing the jupiter notebook the easiest as it was very similar to the second assignment so there was a lot i could take of code from there. Retrieving hourly production data from the Elhub API and processing it for storage in MongoDB and Cassandra felt straightforward. Overall, the Jupyter part felt understandable and manageable, and I actually enjoyed diving into the data exploration and processing steps.
- In contrast, the Streamlit app turned out to be much harder. Refactoring static plots into dynamic Plotly visualizations was rewarding, but figuring out page structure, menus, and interactive selections required a lot more trial and error than I expected. The mapping component, in

particular, has been tricky. While I successfully integrated GeoJSON overlays for the Price areas and implemented interactive features like storing clicked coordinates and highlighting selected areas, I ran into a frustrating issue: the map only renders properly in Safari and doesn't display at all in Chrome. This has been a major headache, and I've spent a lot of time trying to troubleshoot it without a complete solution yet. Despite this, seeing the map work on safari felt exciting, and it's satisfying to know the underlying logic is correct. Other aspects of Streamlit, like snow drift calculations, wind rose visualizations, and dynamic forecasting with SARIMAX, were challenging but fun once they started working. I especially liked seeing the results respond interactively to user input.

Experience with jupiter notebook and streamlit

- This time it all pretty much went smooth, apart from forgetting to save files occasionally which was frustrating but not really a jupiter or streamlit problem. This is the assigmnet where i have enjoyed working with jupiter notebooks the most and still really enjoyed streamlit.

Choice of additional task

Forecasting

- Add eather properties to the list exoogenous variables and download them when needed.

Reflection

Using the Streamlit sliding window correlation tool, I might have noticed some correlations between meteorological variables and energy production or consumption are subtle under normal conditions. However, during extreme weather events, patterns might become somewhat more pronounced for example, energy demand increases when it gets very hot or very cold. I also notice that sometimes the effects don't happen immediately, there can be a bit of a delay before the energy response shows up. Overall, the correlations are most pronounced during unusual or intense weather events if there are any.

Links:

- [GitHub](#)

- <https://github.com/ioeftedal/ind320ioeftedal>
- Streamlit
- <https://ind320ioeftedal.streamlit.app>

Getting into the code:

Import dependencies

```
In [5]: import os
import sys
import requests
import pandas as pd
import matplotlib.pyplot as plt
from pymongo import MongoClient
from pyspark.sql import SparkSession
from cassandra.cluster import Cluster
from pyspark.sql.types import StructType, StructField, StringType, DoubleType,
from pyspark.sql import functions as F
```

Ensure cassandra connector is loaded

```
In [6]: os.environ["PYSPARK_SUBMIT_ARGS"] = (
    "--packages com.datastax.spark:spark-cassandra-connector_2.12:3.5.1 pyspar
)

# Defining some essential constants
BASE_URL = "https://api.elhub.no/energy-data/v0/price-areas"
START_YEAR = 2022
END_YEAR = 2024
KEYSPACE = "elhub_data"
TABLE = f"consumption_{START_YEAR}_{END_YEAR}"
```

Connect to cassandra

```
In [7]: cluster = Cluster(['localhost'], port=9042)
session = cluster.connect()

# Create keyspace if it does not exist
session.execute(f"""
CREATE KEYSPACE IF NOT EXISTS {KEYSPACE}
WITH REPLICATION = {{'class': 'SimpleStrategy', 'replication_factor': 1 }};
""")

session.set_keyspace(KEYSPACE)

# Drop and recreate table so that i dont get too much data in the database whi
session.execute(f"DROP TABLE IF EXISTS {TABLE};")
```

```
# Creating the structure of how the database should look
session.execute(f"""
CREATE TABLE IF NOT EXISTS {TABLE} (
    priceArea text,
    consumptionGroup text,
    quantityKwh double,
    startTime timestamp,
    endTime timestamp,
    meteringPointCount int,
    lastUpdatedTime timestamp,
    PRIMARY KEY ((priceArea, consumptionGroup), startTime)
);
""")
```

Out[7]: <cassandra.cluster.ResultSet at 0x322169d60>

Fetch data from API

```
In [8]: # Creating an empty list that will store the data for each entry
records = []

for year in range(START_YEAR, END_YEAR + 1):
    # Loop over all months of the year
    for month in range(1, 13):
        start = f"{year}-{month:02d}-01"
        end = f"{year + 1}-01-01" if month == 12 else f"{year}-{month + 1:02d}"
        url = f"{BASE_URL}?startDate={start}&endDate={end}&dataset=CONSUMPTION"

        print(f"Fetching data for {start} until {end}")

        # Save the request as json format
        response = requests.get(url).json()

        for item in response.get("data", []):
            attributes = item.get("attributes", {})
            consumption_list = attributes.get("consumptionPerGroupMbaHour", [])

            if isinstance(consumption_list, list):
                for column in consumption_list:
                    records.append({
                        "priceArea": column.get("priceArea"),
                        "consumptionGroup": column.get("consumptionGroup"),
                        "quantityKwh": column.get("quantityKwh"),
                        "startTime": column.get("startTime"),
                        "endTime": column.get("endTime"),
                        "meteringPointCount": column.get("meteringPointCount"),
                        "lastUpdatedTime": column.get("lastUpdatedTime"),
                    })

print(f"Finished fetching. Total records: {len(records)}")
```

```
Fetching data for 2022-01-01 until 2022-02-01
Fetching data for 2022-02-01 until 2022-03-01
Fetching data for 2022-03-01 until 2022-04-01
Fetching data for 2022-04-01 until 2022-05-01
Fetching data for 2022-05-01 until 2022-06-01
Fetching data for 2022-06-01 until 2022-07-01
Fetching data for 2022-07-01 until 2022-08-01
Fetching data for 2022-08-01 until 2022-09-01
Fetching data for 2022-09-01 until 2022-10-01
Fetching data for 2022-10-01 until 2022-11-01
Fetching data for 2022-11-01 until 2022-12-01
Fetching data for 2022-12-01 until 2023-01-01
Finished fetching. Total records: 219000
Fetching data for 2023-01-01 until 2023-02-01
Fetching data for 2023-02-01 until 2023-03-01
Fetching data for 2023-03-01 until 2023-04-01
Fetching data for 2023-04-01 until 2023-05-01
Fetching data for 2023-05-01 until 2023-06-01
Fetching data for 2023-06-01 until 2023-07-01
Fetching data for 2023-07-01 until 2023-08-01
Fetching data for 2023-08-01 until 2023-09-01
Fetching data for 2023-09-01 until 2023-10-01
Fetching data for 2023-10-01 until 2023-11-01
Fetching data for 2023-11-01 until 2023-12-01
Fetching data for 2023-12-01 until 2024-01-01
Finished fetching. Total records: 438000
Fetching data for 2024-01-01 until 2024-02-01
Fetching data for 2024-02-01 until 2024-03-01
Fetching data for 2024-03-01 until 2024-04-01
Fetching data for 2024-04-01 until 2024-05-01
Fetching data for 2024-05-01 until 2024-06-01
Fetching data for 2024-06-01 until 2024-07-01
Fetching data for 2024-07-01 until 2024-08-01
Fetching data for 2024-08-01 until 2024-09-01
Fetching data for 2024-09-01 until 2024-10-01
Fetching data for 2024-10-01 until 2024-11-01
Fetching data for 2024-11-01 until 2024-12-01
Fetching data for 2024-12-01 until 2025-01-01
Finished fetching. Total records: 657600
```

Convert to spark dataframe

```
In [9]: # Define schema for the data that will be inserted into the database
schema = StructType([
    StructField("priceArea", StringType(), True),
    StructField("consumptionGroup", StringType(), True),
    StructField("quantityKwh", DoubleType(), True),
    StructField("startTime", TimestampType(), True),
    StructField("endTime", TimestampType(), True),
    StructField("meteringPointCount", IntegerType(), True),
    StructField("lastUpdatedTime", TimestampType(), True),
])
```

```

# Convert to pandas and make sure to take the summertimes and wintertimes into
pandas_df = pd.DataFrame(records)
pandas_df["startTime"] = pd.to_datetime(pandas_df["startTime"], utc=True)
pandas_df["endTime"] = pd.to_datetime(pandas_df["endTime"], utc=True)
pandas_df["lastUpdatedTime"] = pd.to_datetime(pandas_df["lastUpdatedTime"], ut

# Initialize SparkSession
spark = SparkSession.builder \
    .appName("SparkCassandraApp") \
    .config("spark.cassandra.connection.host", "localhost") \
    .config("spark.cassandra.connection.port", "9042") \
    .config("spark.sql.extensions", "com.datastax.spark.connector.CassandraSpa
    .config("spark.sql.catalog.mycatalog", "com.datastax.spark.connector.datas
    .getOrCreate()

# Create a spark dataframe that follows the schema that was created
spark_df = spark.createDataFrame(pandas_df, schema=schema)

# Rename column names to lowercase so that it works with cassandra since it is
spark_df = (
    spark_df
        .withColumnRenamed("priceArea", "pricearea")
        .withColumnRenamed("consumptionGroup", "consumtiongroup")
        .withColumnRenamed("startTime", "starttime")
        .withColumnRenamed("endTime", "endtime")
        .withColumnRenamed("meteringPointCount", "meteringpointcount")
        .withColumnRenamed("lastUpdatedTime", "lastupdatedtime")
        .withColumnRenamed("quantityKwh", "quantitykwh")
)

```

```

25/11/27 17:08:57 WARN Utils: Your hostname, Ivars-MacBook-Pro.local resolves to a loopback address: 127.0.0.1; using 10.42.93.165 instead (on interface en0)
25/11/27 17:08:57 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another address
Ivy Default Cache set to: /Users/ivareftedal/.ivy2/cache
The jars for the packages stored in: /Users/ivareftedal/.ivy2/jars
com.datastax.spark#spark-cassandra-connector_2.12 added as a dependency
:: resolving dependencies :: org.apache.spark#spark-submit-parent-ec4e26d9-a80
b-4a5d-911a-64456d0061bf;1.0
    confs: [default]
:: loading settings :: url = jar:file:/Users/ivareftedal/repositories/github.co
m/ivareftedal/ind320ivareftedal/.venv/lib/python3.12/site-packages/pyspark/jars/iv
y-2.5.1.jar!/org/apache/ivy/core/settings/ivysettings.xml

```

```

        found com.datastax.spark#spark-cassandra-connector_2.12;3.5.1 in central
l
        found com.datastax.spark#spark-cassandra-connector-driver_2.12;3.5.1 in
central
        found org.scala-lang.modules#scala-collection-compat_2.12;2.11.0 in cen
tral
        found org.apache.cassandra#java-driver-core-shaded;4.18.1 in central
        found com.datastax.oss#native-protocol;1.5.1 in central
        found com.datastax.oss#java-driver-shaded-guava;25.1-jre-graal-sub-1 in
central
        found com.typesafe#config;1.4.1 in central
        found org.slf4j#slf4j-api;1.7.26 in central
        found io.dropwizard.metrics#metrics-core;4.1.18 in central
        found org.hdrhistogram#HdrHistogram;2.1.12 in central
        found org.reactivestreams#reactive-streams;1.0.3 in central
        found org.apache.cassandra#java-driver-mapper-runtime;4.18.1 in central
        found org.apache.cassandra#java-driver-query-builder;4.18.1 in central
        found org.apache.commons#commons-lang3;3.10 in central
        found com.thoughtworks.paranamer#paranamer;2.8 in central
        found org.scala-lang#scala-reflect;2.12.19 in central
:: resolution report :: resolve 206ms :: artifacts dl 6ms
    :: modules in use:
        com.datastax.oss#java-driver-shaded-guava;25.1-jre-graal-sub-1 from cen
tral in [default]
        com.datastax.oss#native-protocol;1.5.1 from central in [default]
        com.datastax.spark#spark-cassandra-connector-driver_2.12;3.5.1 from cen
tral in [default]
        com.datastax.spark#spark-cassandra-connector_2.12;3.5.1 from central in
[default]
        com.thoughtworks.paranamer#paranamer;2.8 from central in [default]
        com.typesafe#config;1.4.1 from central in [default]
        io.dropwizard.metrics#metrics-core;4.1.18 from central in [default]
        org.apache.cassandra#java-driver-core-shaded;4.18.1 from central in [de
fault]
        org.apache.cassandra#java-driver-mapper-runtime;4.18.1 from central in
[default]
        org.apache.cassandra#java-driver-query-builder;4.18.1 from central in
[default]
        org.apache.commons#commons-lang3;3.10 from central in [default]
        org.hdrhistogram#HdrHistogram;2.1.12 from central in [default]
        org.reactivestreams#reactive-streams;1.0.3 from central in [default]
        org.scala-lang#scala-reflect;2.12.19 from central in [default]
        org.scala-lang.modules#scala-collection-compat_2.12;2.11.0 from central
in [default]
        org.slf4j#slf4j-api;1.7.26 from central in [default]
-----
|           |           modules          ||   artifacts   |
|   conf    |   number| search|dwnlded|evicted||   number|dwnlded|
-----
|   default  |    16  |    0   |    0   |    0   ||   16   |    0   |
-----
:: retrieving :: org.apache.spark#spark-submit-parent-ec4e26d9-a80b-4a5d-911a-6
4456d0061bf
    confs: [default]

```

```

    0 artifacts copied, 16 already retrieved (0kB/4ms)
25/11/27 17:08:57 WARN NativeCodeLoader: Unable to load native-hadoop library f
or your platform... using builtin-java classes where applicable
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
25/11/27 17:09:10 WARN GarbageCollectionMetrics: To enable non-built-in garbage
collector(s) List(G1 Concurrent GC), users should configure it(them) to spark.e
ventLog.gcMetrics.youngGenerationGarbageCollectors or spark.eventLog.gcMetric
s.oldGenerationGarbageCollectors
-----
Exception occurred during processing of request from ('127.0.0.1', 65255)
Traceback (most recent call last):
  File "/nix/store/d5bjv78dzx6wijnz13vawcjb3pa5hpdkv-python3-3.12.11/lib/python
3.12/socketserver.py", line 318, in _handle_request_noblock
    self.process_request(request, client_address)
  File "/nix/store/d5bjv78dzx6wijnz13vawcjb3pa5hpdkv-python3-3.12.11/lib/python
3.12/socketserver.py", line 349, in process_request
    self.finish_request(request, client_address)
  File "/nix/store/d5bjv78dzx6wijnz13vawcjb3pa5hpdkv-python3-3.12.11/lib/python
3.12/socketserver.py", line 362, in finish_request
    self.RequestHandlerClass(request, client_address, self)
  File "/nix/store/d5bjv78dzx6wijnz13vawcjb3pa5hpdkv-python3-3.12.11/lib/python
3.12/socketserver.py", line 766, in __init__
    self.handle()
  File "/Users/ivareftedal/repositories/github.com/ioeftedal/ind320ioeftedal/.v
env/lib/python3.12/site-packages/pyspark/accumulators.py", line 295, in handle
    poll(accum_updates)
  File "/Users/ivareftedal/repositories/github.com/ioeftedal/ind320ioeftedal/.v
env/lib/python3.12/site-packages/pyspark/accumulators.py", line 267, in poll
    if self.rfile in r and func():
        ^^^^^^
  File "/Users/ivareftedal/repositories/github.com/ioeftedal/ind320ioeftedal/.v
env/lib/python3.12/site-packages/pyspark/accumulators.py", line 271, in accum_u
pdates
    num_updates = read_int(self.rfile)
        ^^^^^^^^^^^^^^^^^^^^^^
  File "/Users/ivareftedal/repositories/github.com/ioeftedal/ind320ioeftedal/.v
env/lib/python3.12/site-packages/pyspark/serializers.py", line 596, in read_int
    raise EOFError
EOFError
-----
```

Write to cassandra

```
In [10]: spark_df.write \
    .format("org.apache.spark.sql.cassandra") \
    .mode("append") \
    .option("keyspace", KEYSPACE) \
    .option("table", TABLE) \
    .save()
```

```
25/11/27 17:09:18 WARN TaskSetManager: Stage 0 contains a task of very large size (3155 KiB). The maximum recommended task size is 1000 KiB.
```

Verify that it worked by reading from the cassandra database

```
In [11]: spark.read \
    .format("org.apache.spark.sql.cassandra") \
    .option("keyspace", KEYSPACE) \
    .option("table", TABLE) \
    .load() \
    .show(5)
```

pricearea consumptiongroup atedtime meteringpointcount	starttime quantitykwh	endtime	lastupd
N05 household 2022-01-01 00:00:00 251668 461827.56	2022-01-01 01:00:00	2022-01-01 01:00:00	2025-02-01
N05 household 2022-01-01 01:00:00 251668 463685.66	2022-01-01 02:00:00	2022-01-01 02:00:00	2025-02-01
N05 household 2022-01-01 02:00:00 251668 458524.7	2022-01-01 03:00:00	2022-01-01 03:00:00	2025-02-01
N05 household 2022-01-01 03:00:00 251668 451057.38	2022-01-01 04:00:00	2022-01-01 04:00:00	2025-02-01
N05 household 2022-01-01 04:00:00 251668 444570.5	2022-01-01 05:00:00	2022-01-01 05:00:00	2025-02-01

only showing top 5 rows

Insert data into mongodb

```
In [12]: # Read entire cassandra database
cassandra_df = (
    spark.read
    .format("org.apache.spark.sql.cassandra")
    .option("keyspace", KEYSPACE)
    .option("table", TABLE)
    .load()
)

# Convert the cassandra dataframe to pandas
cassandra_pd = cassandra_df.toPandas()

# Importing my uri from a secret file
sys.path.append(os.path.abspath(".."))
from secret import *
```

```

# Connect to MongoDB
client = MongoClient(uri)

# Choose target database and collection
mongo_db = client["elhub_data"]
mongo_collection = mongo_db[f"consumption_{START_YEAR}_{END_YEAR}"]

# Convert timestamps to native Python datetime (for BSON)
for col in ["starttime", "endtime", "lastupdatedtime"]:
    if col in cassandra_pd.columns:
        cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()

# Convert DataFrame to list of dictionaries
records_to_insert = cassandra_pd.to_dict("records")

# Clear old data to avoid duplicates for better development
mongo_collection.delete_many({})

# Insert all records
if records_to_insert:
    mongo_collection.insert_many(records_to_insert)

# Verify insertion
for doc in mongo_collection.find().limit(3):
    print(doc)

```

```

/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/3151632902.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()
/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/3151632902.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()
/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/3151632902.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()

```

```
{'_id': ObjectId('6928784bd39f946d24c96d73'), 'pricearea': 'N03', 'consumptiongroup': 'cabin', 'starttime': datetime.datetime(2022, 1, 1, 0, 0), 'endtime': datetime.datetime(2022, 1, 1, 1, 0), 'lastupdatedtime': datetime.datetime(2025, 2, 1, 18, 2, 2), 'meteringpointcount': 58109, 'quantitykwh': 64627.54}
{'_id': ObjectId('6928784bd39f946d24c96d74'), 'pricearea': 'N03', 'consumptiongroup': 'cabin', 'starttime': datetime.datetime(2022, 1, 1, 1, 0), 'endtime': datetime.datetime(2022, 1, 1, 2, 0), 'lastupdatedtime': datetime.datetime(2025, 2, 1, 18, 2, 2), 'meteringpointcount': 58109, 'quantitykwh': 64400.266}
{'_id': ObjectId('6928784bd39f946d24c96d75'), 'pricearea': 'N03', 'consumptiongroup': 'cabin', 'starttime': datetime.datetime(2022, 1, 1, 2, 0), 'endtime': datetime.datetime(2022, 1, 1, 3, 0), 'lastupdatedtime': datetime.datetime(2025, 2, 1, 18, 2, 2), 'meteringpointcount': 58109, 'quantitykwh': 63396.773}
```

In [13]: # Defining some essential constants

```
START_YEAR = 2021
END_YEAR = 2024
KEYSPACE = "elhub_data"
TABLE = f"production_{START_YEAR}_{END_YEAR}"
```

Connect to cassandra

```
In [14]: cluster = Cluster(['localhost'], port=9042)
session = cluster.connect()

# Create keyspace if it does not exist
session.execute(f"""
CREATE KEYSPACE IF NOT EXISTS {KEYSPACE}
WITH REPLICATION = {{'class': 'SimpleStrategy', 'replication_factor': 1 }};
""")

session.set_keyspace(KEYSPACE)

# Drop and recreate table so that i dont get too much data in the database when
session.execute(f"DROP TABLE IF EXISTS {TABLE};")

# Creating the structure of how the database should look
session.execute(f"""
CREATE TABLE IF NOT EXISTS {TABLE} (
    priceArea text,
    productionGroup text,
    quantityKwh double,
    startTime timestamp,
    endTime timestamp,
    meteringPointCount int,
    lastUpdatedTime timestamp,
    PRIMARY KEY ((priceArea, productionGroup), startTime)
);
""")
```

Out[14]: <cassandra.cluster.ResultSet at 0x32216a7e0>

Fetch data from API

```
In [15]: # Creating an empty list that will store the data for each entry
records = []

for year in range(START_YEAR, END_YEAR + 1):
    # Loop over all months of the year
    for month in range(1, 13):
        start = f"{year}-{month:02d}-01"
        end = f"{year + 1}-01-01" if month == 12 else f"{year}-{month + 1:02d}"
        url = f"{BASE_URL}?startDate={start}&endDate={end}&dataset=PRODUCTION_"

        print(f"Fetching data for {start} until {end}")

    # Save the request as json format
    response = requests.get(url).json()

    for item in response.get("data", []):
        attributes = item.get("attributes", {})
        production_list = attributes.get("productionPerGroupMbaHour", [])

        if isinstance(production_list, list):
            for column in production_list:
                records.append({
                    "priceArea": column.get("priceArea"),
                    "productionGroup": column.get("productionGroup"),
                    "quantityKwh": column.get("quantityKwh"),
                    "startTime": column.get("startTime"),
                    "endTime": column.get("endTime"),
                    "meteringPointCount": column.get("meteringPointCount"),
                    "lastUpdatedTime": column.get("lastUpdatedTime"),
                })

print(f"Finished fetching. Total records: {len(records)}")
```

Fetching data for 2021-01-01 until 2021-02-01
Fetching data for 2021-02-01 until 2021-03-01
Fetching data for 2021-03-01 until 2021-04-01
Fetching data for 2021-04-01 until 2021-05-01
Fetching data for 2021-05-01 until 2021-06-01
Fetching data for 2021-06-01 until 2021-07-01
Fetching data for 2021-07-01 until 2021-08-01
Fetching data for 2021-08-01 until 2021-09-01
Fetching data for 2021-09-01 until 2021-10-01
Fetching data for 2021-10-01 until 2021-11-01
Fetching data for 2021-11-01 until 2021-12-01
Fetching data for 2021-12-01 until 2022-01-01
Finished fetching. Total records: 215353
Fetching data for 2022-01-01 until 2022-02-01
Fetching data for 2022-02-01 until 2022-03-01
Fetching data for 2022-03-01 until 2022-04-01
Fetching data for 2022-04-01 until 2022-05-01
Fetching data for 2022-05-01 until 2022-06-01
Fetching data for 2022-06-01 until 2022-07-01
Fetching data for 2022-07-01 until 2022-08-01
Fetching data for 2022-08-01 until 2022-09-01
Fetching data for 2022-09-01 until 2022-10-01
Fetching data for 2022-10-01 until 2022-11-01
Fetching data for 2022-11-01 until 2022-12-01
Fetching data for 2022-12-01 until 2023-01-01
Finished fetching. Total records: 434353
Fetching data for 2023-01-01 until 2023-02-01
Fetching data for 2023-02-01 until 2023-03-01
Fetching data for 2023-03-01 until 2023-04-01
Fetching data for 2023-04-01 until 2023-05-01
Fetching data for 2023-05-01 until 2023-06-01
Fetching data for 2023-06-01 until 2023-07-01
Fetching data for 2023-07-01 until 2023-08-01
Fetching data for 2023-08-01 until 2023-09-01
Fetching data for 2023-09-01 until 2023-10-01
Fetching data for 2023-10-01 until 2023-11-01
Fetching data for 2023-11-01 until 2023-12-01
Fetching data for 2023-12-01 until 2024-01-01
Finished fetching. Total records: 653353
Fetching data for 2024-01-01 until 2024-02-01
Fetching data for 2024-02-01 until 2024-03-01
Fetching data for 2024-03-01 until 2024-04-01
Fetching data for 2024-04-01 until 2024-05-01
Fetching data for 2024-05-01 until 2024-06-01
Fetching data for 2024-06-01 until 2024-07-01
Fetching data for 2024-07-01 until 2024-08-01
Fetching data for 2024-08-01 until 2024-09-01
Fetching data for 2024-09-01 until 2024-10-01
Fetching data for 2024-10-01 until 2024-11-01
Fetching data for 2024-11-01 until 2024-12-01
Fetching data for 2024-12-01 until 2025-01-01
Finished fetching. Total records: 872953

Convert to spark dataframe

```
In [16]: # Define schema for the data that will be inserted into the database
schema = StructType([
    StructField("priceArea", StringType(), True),
    StructField("productionGroup", StringType(), True),
    StructField("quantityKwh", DoubleType(), True),
    StructField("startTime", TimestampType(), True),
    StructField("endTime", TimestampType(), True),
    StructField("meteringPointCount", IntegerType(), True),
    StructField("lastUpdatedTime", TimestampType(), True),
])

# Convert to pandas and make sure to take the summertimes and wintertimes into
pandas_df = pd.DataFrame(records)
pandas_df["startTime"] = pd.to_datetime(pandas_df["startTime"], utc=True)
pandas_df["endTime"] = pd.to_datetime(pandas_df["endTime"], utc=True)
pandas_df["lastUpdatedTime"] = pd.to_datetime(pandas_df["lastUpdatedTime"], ut

# Initialize SparkSession
spark = SparkSession.builder \
    .appName("SparkCassandraApp") \
    .config("spark.cassandra.connection.host", "localhost") \
    .config("spark.cassandra.connection.port", "9042") \
    .config("spark.sql.extensions", "com.datastax.spark.connector.CassandraSpa
    .config("spark.sql.catalog.mycatalog", "com.datastax.spark.connector.datas
    .getOrCreate()

# Create a spark dataframe that follows the schema that was created
spark_df = spark.createDataFrame(pandas_df, schema=schema)

# Rename column names to lowercase so that it works with cassandra since it is
spark_df = (
    spark_df
    .withColumnRenamed("priceArea", "pricearea")
    .withColumnRenamed("productionGroup", "productiongroup")
    .withColumnRenamed("startTime", "starttime")
    .withColumnRenamed("endTime", "endtime")
    .withColumnRenamed("meteringPointCount", "meteringpointcount")
    .withColumnRenamed("lastUpdatedTime", "lastupdatedtime")
    .withColumnRenamed("quantityKwh", "quantitykwh")
)
```

Write to cassandra

```
In [17]: spark_df.write \
    .format("org.apache.spark.sql.cassandra") \
    .mode("append") \
    .option("keyspace", KEYSPACE) \
    .option("table", TABLE) \
    .save()
```

```
25/11/27 17:20:51 WARN TaskSetManager: Stage 3 contains a task of very large size (3864 KiB). The maximum recommended task size is 1000 KiB.
```

Verify that it worked by reading from the cassandra database

```
In [18]: spark.read \
    .format("org.apache.spark.sql.cassandra") \
    .option("keyspace", KEYSPACE) \
    .option("table", TABLE) \
    .load() \
    .show(5)
```

pricearea	productiongroup	starttime	endtime	lastupda
tedtime	meteringpointcount	quantitykwh		
N04 0:35:40	hydro NULL	2021-01-01 00:00:00 3740830.0	2021-01-01 01:00:00 2024-12-20 1	
N04 0:35:40	hydro NULL	2021-01-01 01:00:00 3746663.5	2021-01-01 02:00:00 2024-12-20 1	
N04 0:35:40	hydro NULL	2021-01-01 02:00:00 3712439.8	2021-01-01 03:00:00 2024-12-20 1	
N04 0:35:40	hydro NULL	2021-01-01 03:00:00 3699229.0	2021-01-01 04:00:00 2024-12-20 1	
N04 0:35:40	hydro NULL	2021-01-01 04:00:00 3685393.8	2021-01-01 05:00:00 2024-12-20 1	

```
only showing top 5 rows
```

Insert data into mongodb

```
In [19]: # Read entire cassandra database
cassandra_df = (
    spark.read
    .format("org.apache.spark.sql.cassandra")
    .option("keyspace", KEYSPACE)
    .option("table", TABLE)
    .load()
)

# Convert the cassandra dataframe to pandas
cassandra_pd = cassandra_df.toPandas()

# Importing my uri from a secret file
sys.path.append(os.path.abspath(".."))
from secret import *
```

```

# Connect to MongoDB
client = MongoClient(uri)

# Choose target database and collection
mongo_db = client["elhub_data"]
mongo_collection = mongo_db[f"production_{START_YEAR}_{END_YEAR}"]

# Convert timestamps to native Python datetime (for BSON)
for col in ["starttime", "endtime", "lastupdatedtime"]:
    if col in cassandra_pd.columns:
        cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()

# Convert DataFrame to list of dictionaries
records_to_insert = cassandra_pd.to_dict("records")

# Clear old data to avoid duplicates for better development
mongo_collection.delete_many({})

# Insert all records
if records_to_insert:
    mongo_collection.insert_many(records_to_insert)

# Verify insertion
for doc in mongo_collection.find().limit(3):
    print(doc)

```

```

/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/2456786925.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()
/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/2456786925.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()
/var/folders/pf/pxv_xl591dd4_q71x2jsd8x40000gn/T/ipykernel_40788/2456786925.p
y:26: FutureWarning: The behavior of DatetimeProperties.to_pydatetime is deprec
ated, in a future version this will return a Series containing python datetime
objects instead of an ndarray. To retain the old behavior, call `np.array` on t
he result
    cassandra_pd[col] = pd.to_datetime(cassandra_pd[col]).dt.to_pydatetime()

```

```
{'_id': ObjectId('69287b30d39f946d24d375e9'), 'pricearea': 'N02', 'productiongroup': 'other', 'starttime': datetime.datetime(2021, 1, 1, 0, 0), 'endtime': datetime.datetime(2021, 1, 1, 1, 0), 'lastupdatedtime': datetime.datetime(2024, 1, 2, 20, 10, 35, 40), 'meteringpointcount': nan, 'quantitykwh': 4.346}
{'_id': ObjectId('69287b30d39f946d24d375ea'), 'pricearea': 'N02', 'productiongroup': 'other', 'starttime': datetime.datetime(2021, 1, 1, 1, 0), 'endtime': datetime.datetime(2021, 1, 1, 2, 0), 'lastupdatedtime': datetime.datetime(2024, 1, 2, 20, 10, 35, 40), 'meteringpointcount': nan, 'quantitykwh': 3.642}
{'_id': ObjectId('69287b30d39f946d24d375eb'), 'pricearea': 'N02', 'productiongroup': 'other', 'starttime': datetime.datetime(2021, 1, 1, 2, 0), 'endtime': datetime.datetime(2021, 1, 1, 3, 0), 'lastupdatedtime': datetime.datetime(2024, 1, 2, 20, 10, 35, 40), 'meteringpointcount': nan, 'quantitykwh': 3.562}
```

```
25/11/28 02:13:37 WARN HeartbeatReceiver: Removing executor driver with no recent heartbeats: 908685 ms exceeds timeout 120000 ms
25/11/28 02:13:37 WARN SparkContext: Killing executors is not supported by current scheduler.
25/11/28 02:13:39 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                ...
                ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                        at scala.concurrent.Promise.complete(Promise.scala:53)
                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:13:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
```

```
25/11/28 02:13:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.Promise.success(Promise.scala:86)
at scala.concurrent.Promise.success$(Promise.scala:86)
at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
... 8 more
25/11/28 02:13:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
```

```
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
```

```
    at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
    at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.trySuccess(Promise.scala:94)
    at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
    at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:13:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
Impl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:13:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
```

```
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.trySuccess(Promise.scala:94)
                at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
                at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
                  at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
                    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
                      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                          at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                            at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                              at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                    at scala.concurrent.Promise.complete(Promise.scala:53)
                                    at scala.concurrent.Promise.complete$(Promise.scala:52)
                                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                      at scala.concurrent.Promise.success(Promise.scala:86)
                                      at scala.concurrent.Promise.success$(Promise.scala:86)
                                      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
                                        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
                                          at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
                                            at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
                                              ... 8 more
25/11/28 02:14:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
      at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
```

```
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.sc
a:307)
at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
at scala.concurrent.Future.flatMap(Future.scala:306)
at scala.concurrent.Future.flatMap$(Future.scala:306)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:14:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoi
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:14:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
```

```
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
```

```
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:14:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
```

```
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoi
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.complete(Promise.scala:53)
                  at scala.concurrent.Promise.complete$(Promise.scala:52)
                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                      at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                          at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                            at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                              at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                      at scala.concurrent.Promise.complete(Promise.scala:53)
                                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                                          at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                                              at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                                                at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
                                                  at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
                                                    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                                                      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
                                                        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
                                                          at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
                                                            at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
                                                              at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
                                                                at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
                      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:14:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:100)
```

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a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:14:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
```

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        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```

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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.Promise.success(Promise.scala:86)
at scala.concurrent.Promise.success$(Promise.scala:86)
at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
... 8 more
25/11/28 02:14:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
```

```
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
```

```
    at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
    at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.trySuccess(Promise.scala:94)
    at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
    at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:14:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
Impl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:14:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
```

```
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.trySuccess(Promise.scala:94)
                at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
                at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
                  at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
                    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
                      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                          at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                            at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                              at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                    at scala.concurrent.Promise.complete(Promise.scala:53)
                                    at scala.concurrent.Promise.complete$(Promise.scala:52)
                                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                      at scala.concurrent.Promise.success(Promise.scala:86)
                                      at scala.concurrent.Promise.success$(Promise.scala:86)
                                      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
                                        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
                                          at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
                                            at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
                                              ... 8 more
25/11/28 02:14:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
      at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
```

```
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
```

```
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:14:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
```

```
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoi
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.complete(Promise.scala:53)
                  at scala.concurrent.Promise.complete$(Promise.scala:52)
                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                      at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                          at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                            at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                              at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                      at scala.concurrent.Promise.complete(Promise.scala:53)
                                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                                          at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                                              at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                                                at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
                                                  at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
                                                    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                                                      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
                                                        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
                                                          at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
                                                            at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
                                                              at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
                                                                at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
                      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:14:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:100)
```

```
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:15:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.Promise.success(Promise.scala:86)
at scala.concurrent.Promise.success$(Promise.scala:86)
at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
... 8 more
25/11/28 02:15:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1$zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:99)
```

```
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:288)
a:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:15:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sca
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
```

```
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala
:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala
:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
    at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
```

```
      at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
      at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
      at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
      at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
      at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
      at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.trySuccess(Promise.scala:94)
      at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
      at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
      at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.complete(Promise.scala:53)
      at scala.concurrent.Promise.complete$(Promise.scala:52)
      at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
      at scala.concurrent.Promise.success(Promise.scala:86)
      at scala.concurrent.Promise.success$(Promise.scala:86)
      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
```

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lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:15:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala
:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
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```
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1
```

```
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
            at scala.concurrent.Promise.success(Promise.scala:86)
            at scala.concurrent.Promise.success$(Promise.scala:86)
            at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
                at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
                    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
                        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
                            ... 8 more
25/11/28 02:15:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
            at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
            at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
                at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
                at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
                    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
                        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
                            at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
                                at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                                    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
                                    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
                                    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
                                        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
                                            at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
                                                at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                                                    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                                                        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
```

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    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycache$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
```

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at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
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```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:15:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
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        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
```

```
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
          at scala.concurrent.Promise.success(Promise.scala:86)
          at scala.concurrent.Promise.success$(Promise.scala:86)
          at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
            at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
              at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
                at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
                  ... 8 more
25/11/28 02:15:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
      at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1$zycompute(BlockManagerMasterEndpoint.scala:124)
          at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
            at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1$zycompute$1(BlockManagerMasterEndpoint.scala:688)
              at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1$zycompute$1(BlockManagerMasterEndpoint.scala:687)
                at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
                  at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1$applyOrElse(BlockManagerMasterEndpoint.scala:133)
                    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
                      at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
                        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
                          at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
                            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                              at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                                at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                                  at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
          at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:15:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
```

```
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:15:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:15:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
```

```
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.sc
a:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
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        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:15:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:94)
```

```
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:288)
a:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:15:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sca
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
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olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala
:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala
:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
    at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
```

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3)      at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
5)      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
9)      at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
11)
10)     at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
12)     at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
14)
15)     at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
17)
18)     at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
19)     at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
21)
22)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
23)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
24)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
25)     at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
26)
27)     at scala.concurrent.Promise.trySuccess(Promise.scala:94)
28)     at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
29)     at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:
30)
31)     at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:
32)
33)     at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
34)     at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
35)     at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
36)     at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:
37)
38)     at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
39)     at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:
40)
41)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
42)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
43)     at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
44)     at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
45)
46)     at scala.concurrent.Promise.complete(Promise.scala:53)
47)     at scala.concurrent.Promise.complete$(Promise.scala:52)
48)     at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:
49)
50)     at scala.concurrent.Promise.success(Promise.scala:86)
51)     at scala.concurrent.Promise.success$(Promise.scala:86)
52)     at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
53)
54)     at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
```

```
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:16:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
```

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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:16:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
```

```
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
l:a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
l:a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
l:a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
l:a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
l:a:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
```

```
    ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
      ... 8 more
25/11/28 02:16:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala
:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
```

```
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:16:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
```

```
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
            at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
                    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
                        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
                        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
                        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
                            at scala.concurrent.Future.flatMap(Future.scala:306)
                            at scala.concurrent.Future.flatMap$(Future.scala:306)
                            at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
                                at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
```

```
ttyRpcEnv.scala:150)
... 17 more
25/11/28 02:16:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:16:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
```

```
at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
Impl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promis
e.scala:316)
at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
at scala.concurrent.Future.flatMap(Future.scala:306)
at scala.concurrent.Future.flatMap$(Future.scala:306)
at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
```

```
ttyRpcEnv.scala:150)
... 17 more
25/11/28 02:16:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala
:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
```

```
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
```

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        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
```

```
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
          at scala.concurrent.Promise.success(Promise.scala:86)
          at scala.concurrent.Promise.success$(Promise.scala:86)
          at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
            at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
              at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
                at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
                  ... 8 more
25/11/28 02:16:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
      at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1$zycompute(BlockManagerMasterEndpoint.scala:124)
          at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
            at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1$zycompute$1(BlockManagerMasterEndpoint.scala:688)
              at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
                at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
                  at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
                    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
                      at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
                        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
                          at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
                            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                              at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                                at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                                  at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
          at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
```

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        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:16:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
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        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
```

```
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:16:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
            at scala.concurrent.Promise.complete(Promise.scala:53)
            at scala.concurrent.Promise.complete$(Promise.scala:52)
            at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                        at scala.concurrent.Promise.complete(Promise.scala:53)
                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                            at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
                            at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
                            at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                            at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
                            at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
                            at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
                            at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
                            at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:16:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

```
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
```

```
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:16:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
          at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
              at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                  at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
          at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
            at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
            at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
              at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
              at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                  at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
                      at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
                        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
                        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
                        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
                          at scala.concurrent.Future.flatMap(Future.scala:306)
                          at scala.concurrent.Future.flatMap$(Future.scala:306)
                          at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
                            at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
... 17 more
25/11/28 02:17:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
          at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

```
at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:17:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
```

```
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:17:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
```

```
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
    at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
l:a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
l:a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
l:a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
l:a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
l:a:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
```

```
    ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
      ... 8 more
25/11/28 02:17:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:17:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint
```

```
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
```

```
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:17:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:17:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
                at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
                    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
                        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
                        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
                        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
                            at scala.concurrent.Future.flatMap(Future.scala:306)
                            at scala.concurrent.Future.flatMap$(Future.scala:306)
                            at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
                                at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
                                    ... 17 more
25/11/28 02:17:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31)
```

```
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Block
ManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
```

```
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:17:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
```

```
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:17:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:17:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
                at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
                    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
                        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
                        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
                        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
                            at scala.concurrent.Future.flatMap(Future.scala:306)
                            at scala.concurrent.Future.flatMap$(Future.scala:306)
                            at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
                                at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
                                    ... 17 more
25/11/28 02:17:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31)
```

```
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Block
ManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
```

```
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:18:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                        at scala.concurrent.Promise.complete(Promise.scala:53)
                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```

```
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1.adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1.adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1
```

```
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:18:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
te$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:18:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Block
ManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
```

```
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:18:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
```

```
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:18:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:18:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
```

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        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
```

```
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ...
    ... 17 more
25/11/28 02:18:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
```

```
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:18:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

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        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:18:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
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        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
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        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:18:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint
```

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t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
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        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
```

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ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:18:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
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        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
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        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:18:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
                at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
                at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                        at scala.concurrent.Promise.complete(Promise.scala:53)
                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```



```
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:19:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.sc
a:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
```

```
at scala.concurrent.Future.flatMap(Future.scala:306)
at scala.concurrent.Future.flatMap$(Future.scala:306)
at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
... 17 more
25/11/28 02:19:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
```

```
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:19:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
```

```
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:19:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:
```

```
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:19:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
```

```
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:19:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:
```

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a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:19:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
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oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
```

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      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
      at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
      at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
      at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
      at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
      at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.trySuccess(Promise.scala:94)
      at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
      at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
      at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.complete(Promise.scala:53)
      at scala.concurrent.Promise.complete$(Promise.scala:52)
      at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
      at scala.concurrent.Promise.success(Promise.scala:86)
      at scala.concurrent.Promise.success$(Promise.scala:86)
      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
      at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
```

```
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:19:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Block
ManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
```

```
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
            at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
            at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
            at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
            at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
            at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
                ...
                ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                        at scala.concurrent.Promise.complete(Promise.scala:53)
                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                            at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                            at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                                at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                                at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

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la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:19:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

```
at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:688)
at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:19:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
```

```
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2)
3)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8)
5)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5)
9)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11)
0)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10)
7)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:52)
```

```
a:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:19:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
```

```
    at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
    at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.trySuccess(Promise.scala:94)
    at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
    at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:19:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
```

```
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:20:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint
```

```
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```



```
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:20:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
```

```
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
```

```
      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
      at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
      at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
      at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
      at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
      at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.trySuccess(Promise.scala:94)
      at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
      at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
      at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.complete(Promise.scala:53)
      at scala.concurrent.Promise.complete$(Promise.scala:52)
      at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
      at scala.concurrent.Promise.success(Promise.scala:86)
      at scala.concurrent.Promise.success$(Promise.scala:86)
      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
      at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
```

```
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:20:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:20:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:123)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
```

```
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
```

```
87)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:20:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.complete(Promise.scala:53)
                  at scala.concurrent.Promise.complete$(Promise.scala:52)
                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                      at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                          at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                            at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                              at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                      at scala.concurrent.Promise.complete(Promise.scala:53)
                                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                                          at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                                              at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                                                at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
                                                  at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
                                                    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                                                      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
                                                        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
                                                          at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
                                                            at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
                                                              at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
                                                                at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
                      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:20:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
```

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        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
```

```
25/11/28 02:20:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:20:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
```

```
25/11/28 02:20:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:20:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
```

```
25/11/28 02:20:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:20:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.sc
a:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
        ... 17 more
```

```
25/11/28 02:21:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
nt.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:21:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
```

```
25/11/28 02:21:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadP
oolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:21:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
```

```
25/11/28 02:21:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
          ... 17 more
25/11/28 02:21:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
```

```
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
```

```
25/11/28 02:21:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
```

```
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2)
3)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8)
5)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5)
9)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11)
0)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10)
7)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:52)
```

```
a:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:21:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sc
a:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecu
tor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecu
tor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
```

```
    at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
    at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.trySuccess(Promise.scala:94)
    at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
    at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapte
d(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:21:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(P
romise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:21:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spak
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoi
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:21:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContext
Impl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promis
e.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.s
cala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:21:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
```

```
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:22:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
```

```
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Prom
ise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adap
ted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
```

```
87)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:22:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:22:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
```

```
1)      at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:122)
23)      at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
3)      at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:
```

```
a:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
a:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
a:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
e$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala
a:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
    at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
```

```
      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:8
5)
      at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:5
9)
      at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(F
uture.scala:875)
      at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:11
0)
      at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:10
7)
      at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.sca
la:873)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.trySuccess(Promise.scala:94)
      at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
      at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.sca
la:187)
      at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sca
la:225)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Netty
RpcEnv.scala:239)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapt
ed(NettyRpcEnv.scala:238)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sca
la:72)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplet
e$1$adapted(Promise.scala:288)
      at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sca
la:288)
      at scala.concurrent.Promise.complete(Promise.scala:53)
      at scala.concurrent.Promise.complete$(Promise.scala:52)
      at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
      at scala.concurrent.Promise.success(Promise.scala:86)
      at scala.concurrent.Promise.success$(Promise.scala:86)
      at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCal
lContext.scala:50)
      at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCon
```

```
text.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRe
ply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:22:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
          at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
            at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
              at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                at scala.concurrent.Promise.complete(Promise.scala:53)
                  at scala.concurrent.Promise.complete$(Promise.scala:52)
                    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                      at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                          at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
                            at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
                              at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                                at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
                                  at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
                                    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
                                      at scala.concurrent.Promise.complete(Promise.scala:53)
                                        at scala.concurrent.Promise.complete$(Promise.scala:52)
                                          at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
                                            at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
                                              at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
                                                at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
                                                  at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
                                                    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
                                                      at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
                                                        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
                                                          at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
                                                            at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
                                                              at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
                                                                at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
                      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
                        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:22:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
```

```
    ... 17 more
25/11/28 02:22:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala
:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
ala:123)
```

```
a:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promis
e.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Nett
yRpcEnv.scala:150)
    ... 17 more
25/11/28 02:22:38 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockMa
nagerMaster.scala:80)
```

```
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
```

```
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
      at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
      at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
:41)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
      at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
      at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
      at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
      at scala.concurrent.impl.Promise.transform$(Promise.scala:38)
      at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
      at scala.concurrent.Future.flatMap(Future.scala:306)
      at scala.concurrent.Future.flatMap$(Future.scala:306)
      at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
      ... 17 more
25/11/28 02:22:38 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
nt.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1zycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala
:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
```

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        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:22:48 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
```

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        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
```

```
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
      at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
      at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
      at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala
:41)
      at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
      at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
      at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
      at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
      at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
      at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
      at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
      at scala.concurrent.impl.Promise.transform$(Promise.scala:38)
      at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
      at scala.concurrent.Future.flatMap(Future.scala:306)
      at scala.concurrent.Future.flatMap$(Future.scala:306)
      at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:1
87)
      at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Ne
ttyRpcEnv.scala:150)
      ... 17 more
25/11/28 02:22:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
nt.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala
:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
```

```
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:22:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1zycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:100)
```

```
a:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:22:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lazycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lazycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.Promise.success(Promise.scala:86)
at scala.concurrent.Promise.success$(Promise.scala:86)
at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
... 8 more
25/11/28 02:23:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
    at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
    at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1$zycompute(BlockManagerMasterEndpoint.scala:124)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive
```

```
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
    at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:94)
```

```
a:72)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryCompleter$1$adapted(Promise.scala:288)
    at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
    at scala.concurrent.Promise.complete(Promise.scala:53)
    at scala.concurrent.Promise.complete$(Promise.scala:52)
    at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
    at scala.concurrent.Promise.success(Promise.scala:86)
    at scala.concurrent.Promise.success$(Promise.scala:86)
    at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
    at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
    at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
    at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
    ... 8 more
25/11/28 02:23:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
    at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
    at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(BlockManagerMaster.scala:80)
    at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
    at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
    at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
    at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
    at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
    at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
    at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:572)
    at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:358)
    at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
```

```
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$1
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
t.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spar
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
a:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpo
int: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRe
fByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
a:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sc
a:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execution
ContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.sc
a:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComple
t$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.sc
la:288)
```

```
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.complete(Promise.scala:53)
at scala.concurrent.Promise.complete$(Promise.scala:52)
at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecutor.scala:67)
at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecutor.scala:82)
at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Future.scala:875)
at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
at scala.concurrent.Promise.trySuccess(Promise.scala:94)
at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallContext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/11/28 02:23:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
```

```
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:23:18 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
```

```
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
```

```
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
          ... 17 more
25/11/28 02:23:28 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$storage$BlockManagerMasterEndpoint$$driverEndpoint$1(BlockManagerMasterEndpoint.scala:123)
```

```
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:725)
    at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
    at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
    at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
    at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
    at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$MessageLoop$$receiveLoop(MessageLoop.scala:75)
    at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1144)
    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:642)
    at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
    at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
    at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
    at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
    at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
    at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
    at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
    at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
    at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
    at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
    at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
    at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
    at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
    at scala.concurrent.Future.flatMap(Future.scala:306)
    at scala.concurrent.Future.flatMap$(Future.scala:306)
    at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
    at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
    ... 17 more
25/11/28 02:23:28 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
    at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
    at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
    at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
```

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        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:10
1)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Blo
ckManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:12
23)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.s
cala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:2
3)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Execut
ors.java:572)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.jav
a:358)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Scheduled
FutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPo
olExecutor.java:1144)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadP
oolExecutor.java:642)
        at java.base/java.lang.Thread.run(Thread.java:1583)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtil
s.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:31
0)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$l
zycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpo
int.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAliv
e$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark
k$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.sc
a:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receive
AndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Me
ssageLoop$$receiveLoop(MessageLoop.scala:75)
```

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        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
          ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find endpoint: spark://CoarseGrainedScheduler@10.42.93.165:64436
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(NettyRpcEnv.scala:150)
        ... 17 more
25/11/28 02:23:28 ERROR Executor: Exit as unable to send heartbeats to driver more than 60 times
```